

## BAAQMD Weather Factors, April 1999

Date Site	Min Temp (C)					Max Temp (C)					4-5am Ave Wind Speed (m/s)					4-5pm Ave Wind Speed (m/s)					Insolation (Ly/day)					Precip (mm)
	Ros	Kre	Ple	Car	Sma	Ros	Kre	Ple	Car	Sma	Ros	Kre	Ple	Car	Sma	Ros	Kre	Ple	Car	Sma	Ros	Bet	Liv	Alv	Sma	Ros
T 01	.7	1.3	3.1	5.6	1.6	15.8	11.2	13.7	14.7	15.0	.9	3.2	.8	1.8	.7	4.4	6.6	7.1	5.4	5.9	578	584		535	594	
F 02	3.6	6.0	3.5	5.9	1.2	18.3	13.8	16.8	18.1	18.4	1.7	7.4	1.1	.4	1.2	4.1	3.2	7.3	7.1	3.6	574	588		572	581	
S 03	6.4	4.3	7.4	8.3	5.1	13.5	9.4	12.3	11.6	13.4	2.9	11.4	3.2	6.8	1.9	5.9	13.3	6.2	9.2	2.4	508	391		477	373	
S 04	4.1	1.9	4.0	6.2	3.9	15.7	12.1	13.9	14.9	15.8	3.0	9.2	2.5	3.8	3.3	4.4	6.3	4.8	6.7	3.8	580	601		584	601	
M 05	5.8	2.4	6.2	6.8	5.8	10.4	6.8	9.5	10.8	8.7	3.6	8.4	4.6	2.7	1.0	5.2	6.4	4.2	3.6	2.6	296	181		122	114	
T 06	3.6	2.0	6.1	5.8	4.5	13.8	9.3	13.0	13.3	11.9	1.5	3.2	1.7	2.1	1.4	3.6	2.7	2.6	2.6	3.2	384	400		348	351	
W 07	4.4	4.4	6.8	8.4	3.4	14.6	8.6	10.9	11.3	11.8	1.2	6.8	1.3	3.0	1.7	4.9	10.6	4.8	3.7	4.1	394	203		101	162	
T 08	3.6	.3	4.9	5.1	3.3	9.6	5.3	9.2	9.9	10.8	4.1	18.6	8.5	5.1	3.2	4.9	11.0	7.0	5.1	4.2	425	373		301	274	
F 09	.1	-.4	2.7	4.6	1.5	13.6	9.5	11.7	12.7	13.9	1.1	3.1	1.5	2.2	.9	5.4	4.3	6.8	6.9	6.3	593	620		616	627	
S 10	6.1	2.5	4.4	5.8	1.4	9.2	8.9	12.9	12.6	14.0	1.3	8.1	1.4	1.3	1.2	4.8	7.3	5.2	4.3	2.6	114	325		333	322	
S 11	7.6	4.1	8.7	7.8	7.2	15.9	8.8	13.3	12.8	12.3	3.4	9.5	2.1	2.8	4.4	3.9	6.9	3.1	2.0	2.4	373	256		153	169	
M 12	5.7	6.2	7.2	8.0	4.7	17.6	16.8	17.9	18.0	18.3	1.4	4.0	2.3	1.3	1.0	4.9	5.1	5.6	6.5	3.0	574	607		607	591	
T 13	5.3	10.3	8.2	8.6	9.3	20.1	18.9	22.3	20.2	22.8	.8	1.5	1.6	1.1	3.0	3.6	1.9	4.3	3.5	4.2	506	602		541	512	
W 14	6.6	13.4	9.6	10.2	6.8	27.7	22.1	26.1	27.8	28.1	1.0	9.9	1.4	.5	1.6	5.1	4.0	2.7	4.5	452	617		625	613		
T 15	7.8	14.2	11.0	12.4	8.7	27.7	22.3	25.9	28.7	30.6	1.3	8.8	1.4	1.1	1.1	3.6	4.2	2.6	3.4	3.1	575	584		450	0	
F 16	11.4	19.1	13.1	15.4	10.8	27.1	24.3	29.3	30.6	31.4	1.0	4.2	.9	1.3	1.0	3.2	4.8	4.9	4.0	2.8	543	553		572	608	
S 17	9.5	17.7	13.1	13.7	10.3	23.9	25.3	27.7	25.7	31.3	.5	4.1	1.0	1.6	.8	3.9	3.4	4.8	3.5	3.6	614	598		606	609	
S 18	6.9	14.6	10.7	10.7	9.1	19.9	21.1	22.9	21.9	26.8	.6	5.0	.8	1.0	1.1	6.0	6.7	5.0	4.2	6.7	586	591		620	614	
M 19	7.1	10.8	9.9	9.9	9.2	23.4	19.6	21.2	21.6	24.3	1.0	7.5	3.5	1.5	1.6	4.8	8.2	5.0	6.8	6.7	579	598		617	606	
T 20	8.4	8.8	9.7	10.6	8.6	21.4	16.3	16.8	17.1	20.7	1.4	6.9	.9	4.2	1.3	4.4	8.6	5.3	6.3	6.1	584	560		602	599	
W 21	5.7	6.6	8.8	9.7	5.6	20.2	14.8	16.9	16.2	20.1	1.7	9.8	1.3	2.2	.7	6.6	10.4	7.0	9.7	9.1	638	644		644	637	
T 22	9.4	5.4	9.8	9.3	9.6	23.9	17.1	21.4	20.4	23.9	4.6	7.6	2.2	5.0	2.8	5.4	9.1	7.5	10.4	658	648		617	631		
F 23	13.2	9.1	14.6	15.5	11.9	26.1	20.6	24.3	25.3	25.6	5.9	5.5	3.8	5.3	2.6	5.5	3.9	4.5	653	658		653	624			
S 24	8.9	7.5	11.2	11.9	10.3	18.7	20.3	21.8	19.5	19.4	.8	1.4	1.5	3.4	5.6	5.6	5.9	3.8	626	644		649	644			
S 25	9.1	6.1	10.1	10.1	9.9	13.6	12.2	15.9	16.3	18.7	3.0	3.3	.7	2.3	4.2	6.1	6.8	3.3	226	533		531	472			
M 26	6.4	4.4	8.5	8.4	7.8	17.7	13.7	15.7	16.0	20.4	1.6	4.1	2.3	2.3	3.8	6.1	9.2	7.3	491	519		455	514			
T 27	4.4	2.9	7.6	8.2	4.9	16.3	12.3	13.4	13.8	16.5	1.0	3.3	5.2	.8	7.0	12.7	5.9	10.4	8.9	659	677		663	653		
W 28	5.4	1.4	6.1	7.3	6.2	18.4	13.2	15.8	14.7	17.0	2.6	5.4	2.4	6.1	2.8	5.7	8.2	6.6	7.7	7.4	638	668		661	660	
T 29	8.6	7.7	8.8	10.1	7.9	22.7	18.6	19.5	20.3	22.3	3.3	8.7	1.3	3.0	3.4	3.6	5.2	7.0	7.2	5.4	658	662		667	662	
F 30	7.3	10.8	8.9	9.7	8.4	24.8	22.3	22.4	22.2	20.2	1.4	6.2	1.1	1.6	3.4	5.9	8.3	7.7	7.8	3.8	604	662		652	610	
Ave.	6.4	6.9	8.2	9.0	6.6	18.7	15.2	17.8	18.0	19.5	2.0	7.1	2.3	2.6	2.0	4.7	6.9	5.6	5.8	4.9	523	538		521	516	0.0
Normal	7.0	7.9	9.0	10.6	7.2	19.9	16.3	19.1	19.9	21.4	1.4	6.4	1.8	2.2	1.7	4.5	7.0	5.5	6.0	5.1	504	532	---	521	521	---

--- = insufficient data

Site	Name	Elevation (m)	Temperature Normals are for the period:	Wind Speed Normals are for the period:	Insolation Normals are for the period:	Precipitation Normals are for the period:
Ros	= Santa Rosa	29.3	1988-present	1988-present	1990-present	
Bet	= Bethel Island	-1.5			1990-present	
Kre	= Kregor Peak	577.4	1990-present	1990-present		
Ple	= Pleasanton	99.1	1992-present	1992-present		
Liv	= Livermore	150.0				
Car	= San Carlos	1.0	1992-present	1992-present		
Alv	= Alviso	1.0		1993-present		
Sma	= San Martin	29.0	1988-present	1988-present	1990-present	

## BAAQMD High-Hour Ozone Concentrations (pphm),

April

1999

Date	BI	CC	FF	FR	GI	HA	LI	LG	MV	NP	OA	PT	RC	SF	SJ	SP	SL	SM	PA	SR	ST	VA	Dist	
T 01	4.6	4.0	4.5	3.4	4.3	4.0	4.3	3.5	4.4	4.4	2.7	3.6	2.9	3.3	3.6	3.7	3.9	4.1	3.9	3.4	3.7	3.6	4.6	
F 02	5.3	5.2	5.0	4.2	5.0	4.7	5.3	4.3	5.4	4.7	3.4	4.2	3.9	4.0	4.6	4.7	4.6	4.9	4.9	4.0	4.8	4.4	5.4	
S 03	4.7	4.9	4.8	4.3	5.0	4.6	4.7	4.5	4.9	4.5	4.0	4.0	3.9	4.1	4.3	4.2	4.5	4.8	4.5	3.9	4.5	4.3	5.0	
S 04	4.7	4.9	4.5	4.5	4.7	4.6	4.6	4.4	4.6	4.2	3.7	3.7	3.4	4.1	4.7	4.4	4.4	4.8	4.4	4.1	4.4	4.1	4.9	
M 05	3.9	4.4	4.2	4.1	4.4	4.4	4.2	4.0	4.2	3.9	3.0	3.3	3.4	4.2	3.7	3.9	4.1	4.4	4.5	4.0	3.9	4.0	4.5	
T 06	4.5	4.4	4.4	3.9	4.0	4.4	4.4	3.8	4.0	4.2	3.6	3.3	3.0	4.2	3.2	3.0	4.6	3.7	4.4	3.8	3.9	3.9	4.6	
W 07	3.9	4.1	4.1	4.1	4.4	4.3	3.6	4.2	4.4	3.8	3.4	3.1	3.4	4.4	3.1	3.4	3.8	4.2	4.5	4.2	4.0	4.0	4.5	
T 08	4.1	4.6	4.2	4.2	4.8	4.6	4.6	4.7	4.8	4.2	4.3	3.7	3.9	4.7	4.3	4.4	4.2	4.5	4.7	4.7	4.3	4.1	4.8	
F 09	4.5	4.6	4.1	3.8	4.6	4.3	3.9	4.1	4.5	3.9	3.7	3.6	3.0	3.6	4.1	3.8	3.9	4.5	4.4	3.7	4.3	3.8	4.6	
S 10	4.2	5.0	4.9	4.5	5.2	5.1	4.6	5.0	5.1	4.2	3.7	3.8	3.5	4.8	4.6	4.7	5.1	4.5	4.4	4.2	3.9	5.2		
S 11	4.4	4.9	4.9	4.3	4.7	4.9	4.8	3.9	4.2	4.8	4.2	3.7	3.3	4.5	3.8	4.6	4.7	4.6	4.3	4.4	4.8	4.2	4.9	
M 12	4.1	4.4	3.6	4.2	4.4	4.5	3.8	4.2	4.0	3.6	2.9	3.2	2.9	4.1	4.2	3.8	4.1	4.5	4.1	3.3	3.1	3.3	4.5	
T 13	6.4	6.1	5.9	2.7	4.4	4.6	5.0	3.8	3.5	4.8	2.7	4.6	2.3	4.3	3.6	2.6	3.2	4.4	4.2	4.2	3.4	3.7	6.4	
W 14	6.0	5.6	5.2	6.1	6.5	6.5	6.2	5.1	5.6	5.1	5.0	4.4	4.8	4.0	5.3	5.3	6.2	5.7	5.7	5.0	4.7	5.0	6.5	
T 15	6.2	5.8	6.8	6.6	7.2	7.5	7.1	6.7	7.1	5.7	6.2	4.7	6.1	5.4	6.0	5.6	7.3	7.3	6.2	6.0	5.4	5.6	7.5	
F 16	7.9	8.0	7.9	6.8	7.6	7.8	6.8	7.0	6.0	7.6	4.8	6.5	6.3	4.6	6.1	6.5	6.5	7.7	7.0	6.7	7.8	7.5	8.0	
S 17	8.6	8.9	8.3	6.4	7.8	7.1	8.8	7.6	7.4	6.8	3.4	6.8	5.1	3.8	7.3	6.6	6.3	7.9	5.0	5.9	6.2	6.7	8.9	
S 18	3.8	4.3	3.8	4.2	5.2	5.5	5.2	4.3	4.0	3.4	3.3	3.2	3.1	4.1	4.0	3.7	4.2	4.8	4.3	3.6	3.5	3.6	5.5	
M 19	4.5	5.0	4.0	4.1	5.1	4.6	4.2	3.9	5.0	3.6	3.5	3.7	4.1	4.2	4.0	4.2	4.4	5.0	4.8	4.2	4.6	4.1	5.1	
T 20	4.5	4.2	4.5	4.4	4.5	4.5	4.4	4.0	4.7	3.7	2.3	3.6	4.0	4.2	4.2	4.5	4.4	4.5	4.7	4.3	4.5	4.1	4.7	
W 21	4.6	5.4	4.8	4.6	5.1	4.6	4.6	4.6	5.3	4.4	4.0	3.8	3.5	4.5	4.5	4.6	4.1	5.1	4.6	4.4	4.7	4.1	5.4	
T 22	5.1	5.2	5.1	5.1	5.9	5.6	5.0	4.3	4.9	4.8	4.4	4.3	3.5	4.3	4.7	4.9	5.5	5.3	5.1	3.9	5.2	4.6	5.9	
F 23	4.9	4.9	4.8	5.0	5.5	5.3	5.0	4.4	5.3	4.4	4.6	3.8	3.8	4.1	4.6	4.7	5.3	5.2	4.7	4.5	4.7	4.2	5.5	
S 24	6.2	4.9	4.6	4.6	5.2	4.9	6.1	4.4	4.8	4.3	3.9	3.8	3.9	4.4	4.3	4.9	4.6	5.1	4.7	4.1	4.5	3.9	6.2	
S 25	4.3	4.6	4.4	4.7	4.9	4.9	4.6	4.9	4.0	3.6	3.6	3.4	4.2	4.6	4.7	4.8	4.8	4.4	4.3	4.3	4.1	4.9		
M 26	4.0	4.2	4.3	4.5	4.2	5.2	4.6	3.6	5.1	4.1	3.1	3.5	3.8	4.2	4.3	4.5	4.3	4.5	5.0	4.0	4.4	4.3	5.2	
T 27	4.8	5.2	4.7	4.7	5.1	5.0	4.8	4.7	5.1	4.3	4.1	4.0	3.6	4.4	4.5	4.5	4.7	5.1	4.8	4.0	4.7	4.2	5.2	
W 28	4.9	4.7	5.0	4.3	4.8	4.1	4.4	4.6	4.7	5.0	4.2	3.7	3.2	4.1	4.1	4.2	3.9	4.6	4.5	3.9	4.3	3.8	5.0	
T 29	4.9	5.3	4.9	4.5	5.3	4.5	5.0	4.9	5.3	4.7	3.5	3.9	3.8	3.9	4.5	4.3	4.3	5.4	5.1	3.6	4.8	4.4	5.4	
F 30	5.7	6.2	5.3	4.4	4.7	4.2	5.5	5.2	5.5	4.1	2.7	4.5	3.9	4.1	4.0	4.9	3.4	4.8	4.6	3.2	4.8	3.7	6.2	
Max	8.6	8.9	8.3	6.8	7.8	7.8	8.8	7.6	7.4	7.6	6.2	6.8	6.3	5.4	7.3	6.6	7.3	7.9	7.0	6.7	7.8	7.5	8.9	
D>12.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mean	5.0		4.9		5.2		5.0		5.0		3.7		3.8		4.4		4.6		4.8		4.5		4.3	
		5.1		4.6		5.0		4.6		4.5		4.0		4.2		4.5		5.0		4.3		4.3		

## BAAQMD Highest Eight-Hour Average Ozone Concentrations (pphm), April

1999

Date	BI	CC	FF	FR	GI	HA	LI	LG	MV	NP	OA	PT	RC	SF	SJ	SP	SL	SM	PA	SR	ST	VA	Dist
T 01	4.1	3.7	4.1	3.2	3.8	3.8	3.1	3.9	3.9	2.1	3.3	2.7	3.0	3.2	3.1	3.4	3.8	3.7	2.8	3.2	3.2	4.1	
F 02	4.8	4.8	4.7	3.7	4.4	4.3	4.9	3.9	4.7	4.3	2.9	4.0	3.5	3.6	3.9	3.9	4.5	4.4	4.4	3.3	4.0	4.0	4.9
S 03	4.5	4.6	4.6	4.1	4.7	4.4	4.3	4.2	4.6	4.3	3.7	3.8	3.5	3.9	4.0	3.9	4.3	4.5	4.3	3.7	4.2	4.1	4.7
S 04	4.3	4.3	4.4	4.1	4.4	4.3	4.3	4.0	4.4	4.1	3.4	3.4	3.2	3.9	4.1	3.8	4.1	4.5	4.2	3.8	4.0	3.8	4.5
M 05	3.6	3.7	3.7	2.7	3.7	3.9	3.8	3.3	3.3	3.4	2.6	2.9	3.0	3.7	2.1	3.3	3.3	3.8	4.0	3.5	3.3	3.5	4.0
T 06	4.0	3.8	4.0	3.3	3.5	4.0	3.0	2.7	3.3	3.4	3.0	3.0	2.5	3.2	2.1	2.4	4.0	3.4	3.9	3.2	3.3	3.6	4.0
W 07	3.4	4.2	3.8	3.8	3.9	4.3	4.1	4.3	4.4	4.0	3.5	3.1	3.4	4.3	3.4	3.7	3.5	3.7	4.4	4.2	4.0	3.9	4.4
T 08	3.8	4.0	3.9	3.6	4.4	4.3	3.9	4.0	4.2	3.8	3.4	3.1	3.2	3.7	3.0	3.4	3.8	4.0	4.3	3.3	3.7	3.7	4.4
F 09	4.1	4.2	3.8	3.3	4.2	3.9	3.6	3.3	4.0	3.5	2.6	3.1	2.9	3.4	3.5	3.4	3.6	4.1	4.2	3.2	3.8	3.6	4.2
S 10	3.8	4.7	3.9	4.0	4.5	4.8	4.6	4.7	4.5	3.9	3.4	3.2	3.2	4.4	4.1	4.3	4.2	4.6	4.3	4.1	3.9	3.3	4.8
S 11	4.0	3.6	4.4	3.7	4.4	4.5	4.2	3.6	3.9	4.4	3.4	3.1	2.8	3.8	3.6	4.0	4.0	4.2	3.8	3.7	4.3	3.8	4.5
M 12	3.7	3.6	3.3	3.6	4.0	3.5	3.4	3.4	3.5	3.2	2.4	3.0	2.6	4.1	3.5	3.3	3.5	3.9	3.9	2.6	2.7	2.9	4.1
T 13	4.9	4.8	4.8	2.2	3.9	4.5	3.6	2.9	2.9	3.5	1.9	3.5	2.1	3.6	2.7	2.2	2.2	3.6	3.2	3.2	2.6	3.1	4.9
W 14	5.1	4.8	4.9	5.2	5.0	5.8	5.4	4.7	4.8	4.5	2.6	4.0	3.9	3.0	4.8	4.7	5.4	4.9	3.9	4.2	3.3	3.9	5.8
T 15	5.2	4.9	5.7	5.6	6.3	7.2	5.9	5.4	6.2	5.2	5.3	4.3	4.9	4.0	4.7	4.8	6.4	6.3	5.6	5.3	4.1	5.2	7.2
F 16	6.4	6.6	6.5	5.6	6.8	6.7	5.8	6.0	5.0	6.7	2.9	5.5	4.4	3.8	5.6	5.9	5.7	6.7	5.6	5.2	6.4	5.8	6.8
S 17	7.2	7.4	6.7	5.1	6.3	5.4	7.2	6.3	5.9	5.8	2.6	5.7	3.9	3.3	6.2	5.5	4.9	6.9	4.0	4.5	5.0	5.4	7.4
S 18	3.4	3.8	3.4	3.6	4.5	4.0	4.2	3.4	3.4	2.9	3.0	2.9	2.7	3.9	3.5	3.3	3.7	4.2	4.0	2.9	3.0	3.3	4.5
M 19	3.9	4.5	3.8	3.9	4.7	4.2	3.7	3.4	4.3	3.3	2.5	3.2	3.9	3.6	3.8	3.8	3.7	4.5	4.4	4.1	3.7	3.9	4.7
T 20	4.4	3.8	3.9	4.3	4.3	4.4	4.2	3.3	4.5	3.3	2.3	3.5	3.5	4.1	3.6	4.3	3.9	4.1	4.5	4.2	3.7	3.9	4.5
W 21	4.4	4.8	4.0	4.0	4.6	4.2	4.1	3.8	4.7	3.9	3.2	3.5	3.1	3.6	3.8	3.9	3.8	4.5	4.3	3.8	4.2	3.8	4.8
T 22	4.7	4.9	4.9	4.6	5.0	5.2	4.7	4.0	4.5	4.5	4.1	4.0	3.1	3.8	4.0	4.3	5.2	4.7	4.8	3.9	4.7	4.3	5.2
F 23	4.6	4.8	4.6	4.7	5.1	5.1	4.6	4.1	5.0	4.2	4.2	3.5	3.4	3.4	4.4	4.3	5.1	5.0	4.6	4.2	4.4	4.0	5.1
S 24	4.8	4.4	4.2	4.4	4.9	4.6	4.8	4.2	4.3	3.8	3.4	3.4	3.5	4.0	3.9	4.3	4.2	4.8	4.4	4.2	4.1	3.9	4.9
S 25	4.0	4.2	4.1	4.2	4.7	4.5	4.3	4.3	3.8	3.3	3.4	3.3	4.0	4.2	4.2	4.4	4.6	4.2	4.1	4.2	3.9	4.7	
M 26	3.8	3.7	3.9	4.2	4.0	4.8	4.4	3.3	4.7	3.7	2.5	3.2	3.6	3.9	4.1	4.1	4.1	4.2	4.7	3.8	3.8	4.1	4.8
T 27	4.4	4.8	4.2	4.4	4.7	4.7	4.4	4.4	5.0	4.0	4.0	3.6	3.4	4.0	4.2	4.4	4.4	4.8	4.6	3.8	4.4	4.1	5.0
W 28	4.6	4.4	4.7	3.4	4.2	4.1	3.8	3.9	4.4	4.5	3.3	3.2	2.9	3.4	3.6	3.6	3.6	4.2	4.1	3.3	4.0	3.7	4.7
T 29	4.6	4.9	4.7	3.9	4.8	4.2	4.6	4.3	4.9	4.3	2.6	3.8	3.4	3.4	3.8	3.9	4.0	4.8	4.7	3.2	4.3	4.1	4.9
F 30	4.9	4.8	4.6	3.7	4.4	3.6	4.6	3.9	4.2	3.5	2.3	4.0	3.3	3.7	3.4	3.7	3.1	4.4	4.2	2.6	3.8	3.4	4.9
Max	7.2	7.4	6.7	5.6	6.8	7.2	7.2	6.3	6.2	6.7	5.3	5.7	4.9	4.4	6.2	5.9	6.4	6.9	5.6	5.3	6.4	5.8	7.4
D>8.4	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	
Mean	4.4	4.4	4.6	4.4	4.4	4.4	3.1	3.3	3.8	3.8	4.1	4.3	3.7	3.9	4.1	4.5	4.2	4.3	3.7	3.9	3.9	3.9	
	4.5	4.0	4.6	4.0	4.0	4.1	4.1	3.6	3.7	3.9	4.5	4.5	3.7	3.9	4.5	4.5	4.2	4.3	3.7	3.9	3.9	3.9	

## BAAQMD Highest Eight-Hour Average Carbon Monoxide Concentrations (ppm), April 1999

Date	BI	CC	FR	LI	NP	OA	PT	RC	SF	SJ	PA	SR	ST	VA	Dist
T 01	.3	.8	1.1	.7	.9	1.4	.8	1.0	1.3	1.3	.9	.9	.8	1.0	1.4
F 02	.4	1.1	1.2	.6	.6	1.5	.5	1.2	1.3	1.3	.7	1.1	1.0	1.0	1.5
S 03	.3	.4	.5	.4	.5	.6	.5	.5	.4	.7	.5	.6	.7	.2	.7
S 04	.3	.4	.5	.4	.2	.7	.5	.4	.5	.7	.4	.6	.6	.3	.7
M 05	.4	.7	.6	.5	.5	.9	.7	.7	.6	1.0	.6	.9	.7	.5	1.0
T 06	.4	.5	.7	.5	.7	.8	.6	.8	.7	1.5	.6	.7	.6	.6	1.5
W 07	.4	.5	.8	.6	.6	1.0	.6	.9	.6	1.2	.5	.6	.6	.5	1.2
T 08	.4	.6	.8	.9	.9	.8	.6	1.0	.6	1.7	.5	.6	.7	.6	1.7
F 09	.5	.7	1.0	1.0	1.0	1.0	.6	1.2	.4	1.9	.6	.5	.8	.8	1.9
S 10	.5	.4	.8	.6	.6	1.0	.5	.7	.5	1.1	.7	.5	.5	.4	1.1
S 11	.4	1.1	1.1	1.0	1.5	1.0	.6	1.4	.5	1.1	.9	1.0	.6	1.8	1.8
M 12	.5	1.2	1.3	1.1	1.7		1.2	1.7	.4	1.2	1.1	1.2	1.0	1.7	1.7
T 13	.6	1.0	1.3	.9	.8		1.3	1.5	.9	1.5	.9	.9	1.1	1.4	1.5
W 14	.6	1.1	1.4	.5	1.0		.7	1.6	1.9	1.8	1.4	1.4	1.3	1.7	1.9
T 15	.7	1.2	1.0	.8	.8	2.3	.9	1.1	1.7	1.7	1.0	1.3	1.3	1.8	2.3
F 16	.8	1.3	1.3	1.2	.9	2.1	.9	1.3	1.4	1.7	1.1	1.3	1.1	1.7	2.1
S 17	.8	.8	1.1	.9	.7	1.2	.8	1.1	.9	1.2	1.0	.8	.9	.6	1.2
S 18	.7	.7	.8	.7	.7	.7	.7	.7	.4	1.0	.6	.5	.7	.3	1.0
M 19	.6	.6	.6	.8	.8	.6	.9	.5	1.2	.6	.6	.9	.3	.3	1.2
T 20	.4	.5	.5	.5	1.0	.9	.5	.6	.6		.7	.5	.8	.3	1.0
W 21	.4	.4	.4	.5	1.0	.6	.5	.6	.5	.6	.7	.5	.6	.3	1.0
T 22	.4	.4	.4	.4	1.0	.5	.5	.6	.6	.7	.5	.7	.4	.3	1.0
F 23	.4	.6	.9	.7	1.3	.8	.5	.9	.7	.9	.7	.6	.6	.8	1.3
S 24	.5	.6	.8	.7	1.0	.6	.6	1.0	.6	.5	.6	.6	.5	.8	1.0
S 25	.5	.4	.3	.4	.7	.5	.6	.6	.4	.5	.5	.6	.3	.2	.7
M 26	.5	.5	.3	.4	1.0	.6	.6	.6	.5	.7	.5	.6	.4	.3	1.0
T 27	.4	.4	.5	.4	1.2	.6	.5	.5	.5	.8	.5	.6	.5	.2	1.2
W 28	.4	.8	1.0	.4	.6	.5	.5	.6	.6	.7	.5	.7	.3	.3	1.0
T 29	.4	.8	1.2	.6	.4	.7	.6	.8	.5	.7	.6	.7	.4	.2	1.2
F 30	.4	.8	.8	.7	.5	.8	.6	.9	.7	.7	.7	1.0	.9	.5	1.0
Max	.8	1.3	1.4	1.2	1.7	2.3	1.3	1.7	1.9	1.9	1.4	1.4	1.3	1.8	2.3
D> 9	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	.5	.8	.8	.6	.9	.9	.7	1.1	.7	.8	.7	.7	.7	.7	

## BAAQMD High-Hour Nitrogen Dioxide Concentrations (pphm), April

1999

Date	BI	CC	FR	LI	NP	PT	RC	SF	SJ	PA	SR	ST	VA	Dist
T 01	1	3	4	3	3	3	3	4	4	4	3	3	3	4
F 02	1	3	4	4	3	2	4	4	4	3	4	3	4	4
S 03	1	1	4	2	2	1	3	2	2	1	2	3	1	4
S 04	1	2	3	2	1	1	1	2	2	1	1	1	1	3
M 05	1	4	4	3	2	3	3	2	4	3	3	3	3	4
T 06	2	3	4	4	3	3	3	3	5	3	3	3	2	5
W 07	2	2	3	3	2	1	3	2	3	2	3	3	3	3
T 08	1	3	3	3	2	1	3	3	4	1	3	2	2	4
F 09	2	3	4	4	2	2	4	4	4	3	3	3	3	4
S 10	1	2	4	2	2	1	3	2	4	3	2	2	2	4
S 11	1	3	4	3	3	3	3	4	4	3	3	2	4	4
M 12	1	3	4	3	2	3	3	3	4	3	3	3	3	4
T 13	2	3	4	5	2	3	4	4	4	3	3	3	4	5
W 14	2	4	5	3	4	4	6	5	5	5	4	3	4	6
T 15	2	3	5	5	4	4	4	7	5	6	5	5	4	7
F 16	2	4	6	6	3	3	6	8	6	6	5	5	4	8
S 17	2	4	5	5	2	3	5	6	5	4	4	3	3	6
S 18	2	3	3	4	2	2	3	2	4	2	2	2	1	4
M 19	2	3	3	2	2	2	3	2	4	2	3	3	2	4
T 20	1	3	2	2	3	2	3	3	3	3	2	3	1	3
W 21	1	3	2	2	3	1	4	3	2	4	2	2	1	4
T 22	1	1	3	2	2	1	4	3	3	4	2	1	4	
F 23	1	3	4	4	4	2	3	5	4	3	4	2	2	5
S 24	1	3	4	4	2	3	4	3	2	2	3	2	3	4
S 25	1	2	1	2	1	1	1	1	1	1	2	1	1	2
M 26	1	2	1	1	2	2	2		2	1	2	2	1	2
T 27	1	3	2	2	2	1	1		4	1	2	3	1	4
W 28	1	2	4	3	3	1	3	3	4	1	2	2	1	4
T 29	1	3	4	4	2	1	4	3	5	3	2	2	4	5
F 30	1	3	4	3	2	3	3	4	3	3	3	3	3	4
Max	2	4	6	6	4	4	6	8	6	6	5	5	4	8
D> 25	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Mean	1.3		3.5		2.4		3.3		3.7		2.7		2.4	
		2.7		3.1		2.1		3.3		2.7		2.6		

BAAQMD 24-Hour 10-micron Suspended Particulate Concentrations (ug/m<sup>3</sup>), April 1999  
Sampling is done on a US EPA mandated once every 6 days schedule

Date BI CC FR LI NP RC SF SJ TR SR ST VA Dist

T 01

F 02

S 03

S 04

M 05

T 06 10 9 11 10 7 11 14 11 14 10 8 14

W 07

T 08

F 09

S 10

S 11

M 12 13 18 23 22 18 24 26 20 18 21 19 18 26

T 13

W 14

T 15

F 16

S 17

S 18 17 16 22 20 13 23 23 22 18 15 19 16 23

M 19

T 20

W 21

T 22

F 23

S 24 33 22 29 26 21 26 40 30 30 26 14 22 40

S 25

M 26

T 27

W 28

T 29

F 30 23 28 41 30 27 33 43 37 25 35 30 30 43

Max 33 28 41 30 27 33 43 37 30 35 30 30 43

D > 50 0 0 0 0 0 0 0 0 0 0 0 0 0

Mean 19 19 25 22 17 23 29 24 21 21 18 19

## BAAQMD 24-Hour Average Sulfur Dioxide Concentrations (ppb), April

1999

Date	BI	CC	CR	MA	PT	SF	PA	VA	Dist
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T 01	0	1	1	2	1	2	1	1	2
F 02	0	1	4	1	0	2	2	1	4
S 03	0	1	2	1	0	1	1	0	2
S 04	0	1	1	1	1	1	1	0	1
M 05	0	1	2	1	0	1	1	1	2
T 06	0	1	1	1	0	2	2	0	2
W 07	0	1	2	1	1	1	2	1	2
T 08	0	1	1	1	1	1	1	0	1
F 09	1	1	1	1	2	1	1	0	2
S 10	0	1	2	1	1	1	1	1	2
S 11	0	1	1	1	0	2	1	1	2
M 12	1	2	4	1	2	2	2	2	4
T 13	1	2	5	2	2	2	3	3	5
W 14	0	1		2	1	5	4	4	5
T 15	0	1	4	1	1	3	1	2	4
F 16	1	1	5	1	2	6	3	3	6
S 17	2	1	4	2	2	2	2	3	4
S 18	2	1	3	1	2	1	1	3	3
M 19	2	1	2	1	1	1	2	2	2
T 20	2	1	2	2	2	1	1	1	2
W 21	1	1	2	1	2	1		1	2
T 22	0	1	2	1	0	1		1	2
F 23	0	1	1	3	1			1	3
S 24	2	1	3	2	2	1	2	2	3
S 25	1	1	1	1	0	1	3	1	3
M 26	1	1	2	2	1	1	2	1	2
T 27	1	1	1	1	1	1	1	1	1
W 28	1	1	1	2	1	1	1	1	2
T 29	1	2	2	2	1	1	2	1	2
F 30	1	2	3	1	1	1	2	3	3

Max	2	2	5	3	2	6	4	4	6
D> 50	0	0	0	0	0	0	0	0	0

Mean	.7	1.1	2.2	1.4	1.1	1.6	1.7	1.4	
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Station	abbr	California Stds.				National Stds.			PM10 Ann. Average	PM10 Ann. Geo. Mean
		O3-1hr	NO2	SO2	PM10*	O3-1hr	O3-8hr	CO		
Bethel Island	BI	0	0	0	0	0	0	0	21.0	18.4
Concord	CC	0	0	0	0	0	0	0	19.4	17.2
Crockett	CR			0						
Fairfield	FF	0				0	0			
Fremont	FR	0	0		0	0	0	0	22.6	20.7
Gilroy	GI	0				0	0			
Hayward	HA	0				0	0			
Livermore	LI	0	0		0	0	0	0	22.2	20.2
Los Gatos	LG	0				0	0			
Martinez	MA			0						
Mountain View	MV	0				0	0			
Napa	NP	0	0		0	0	0	0	17.5	15.9
Oakland	OA	0				0	0	0		
Pittsburg	PT	0	0	0		0	0	0		
Redwood City	RC	0	0		0	0	0	0	23.9	21.8
San Francisco	SF	0	0	0		0	0	0	23.5	21.2
San Jose	SJ	0	0		0	0	0	0	26.6	23.7
SJ Piedmont	SP	0				0	0			
SJ Tully Road	TR			0				0	23.2	20.7
San Leandro	SL	0				0	0			
San Martin	SM	0				0	0			
San Pablo	PA	0	0	0		0	0	0		
San Rafael	SR	0	0		0	0	0	0	20.7	19.1
Santa Rosa	ST	0	0		0	0	0	0	19.6	18.1
Vallejo	VA	0	0	0	0	0	0	0	17.2	14.7
District	Dist	0	0	0	0	0	0	0		

\*PM10 is sampled once every 6 days

## AMBIENT AIR QUALITY STANDARDS

Pollutant	Time	California Standards	National Standards	Method
Ozone	1 Hour	9 pphm	12 pphm	Ethylene
	8 Hour	-	8 ppm	Chemiluminescence
Carbon Monoxide	8 Hour	9.0 ppm	9 ppm	Non-dispersive Infrared
	1 Hour	20 ppm	35 ppm	Spectroscopy (NDIR)
Nitrogen Dioxide	Annual Average	-	5.3 pphm	Gas Phase
	1 Hour	25 pphm	-	Chemiluminescence
Sulfur Dioxide	Annual Average	-	30 ppb	Pararosoaniline
	24 Hour	50 ppb	140 ppb	
Suspended Part. Matter (PM10)	Annual Average	-	50 ug/m <sup>3</sup>	Size Selective Inlet
	Ann. Geo. Mean	30 ug/m <sup>3</sup>	-	High Volume Sampler
	24 Hour Average	50 ug/m <sup>3</sup>	150 ug/m <sup>3</sup>	